

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,934,053 B1
APPLICATION NO. : 09/487586
DATED : August 23, 2005
INVENTOR(S) : Lingappa K. Meshtha and S. Dianat

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title Page, showing an illustrative figure, should be deleted and substitute therefor the attached title page.

Figure 1, change to the attached Figure 1;

Page 4, Figure 2, change to the attached Figure 2;

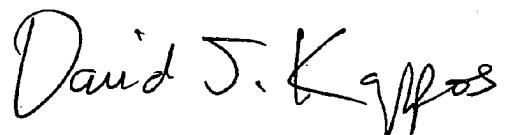
Page 5, Figure 3, change to the attached Figure 3;

Page 6, Figure 4, please delete.

This certificate supersedes the Certificate of Correction issued September 8, 2009.

Signed and Sealed this

Twenty-ninth Day of September, 2009



David J. Kappos
Director of the United States Patent and Trademark Office

(12) United States Patent
Mestha et al.(10) Patent No.: US 6,934,053 B1
(45) Date of Patent: Aug. 23, 2005

(54) METHODS FOR PRODUCING DEVICE AND ILLUMINATION INDEPENDENT COLOR REPRODUCTION

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(52) U.S. Cl. 358/1.9; 358/504; 358/523

(58) Field of Search 358/1.9, 518, 504, 358/523, 501, 520, 521, 406, 530; 382/167, 312

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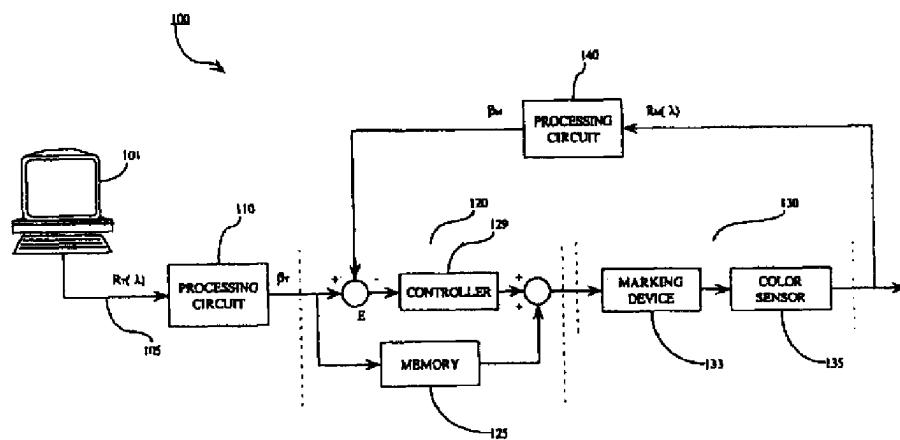
Primary Examiner—Scott A. Rogers

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(57) ABSTRACT

Spectrally matched color outputs are obtained using data from a real-time sensor, such as, for example, a spectrophotometer on the output trays of a marking devices to determine the output spectra of a reproduced image. The output spectra of the reproduced image is compared with an output spectra of a target spectra stored in a computer memory to produce a mapping table that will spectrally match all subsequently reproduced color images in real-time. Thus, output color spectra are matched between displays and prints, scans and prints, scans and displays, or copies and prints.

28 Claims, 3 Drawing Sheets



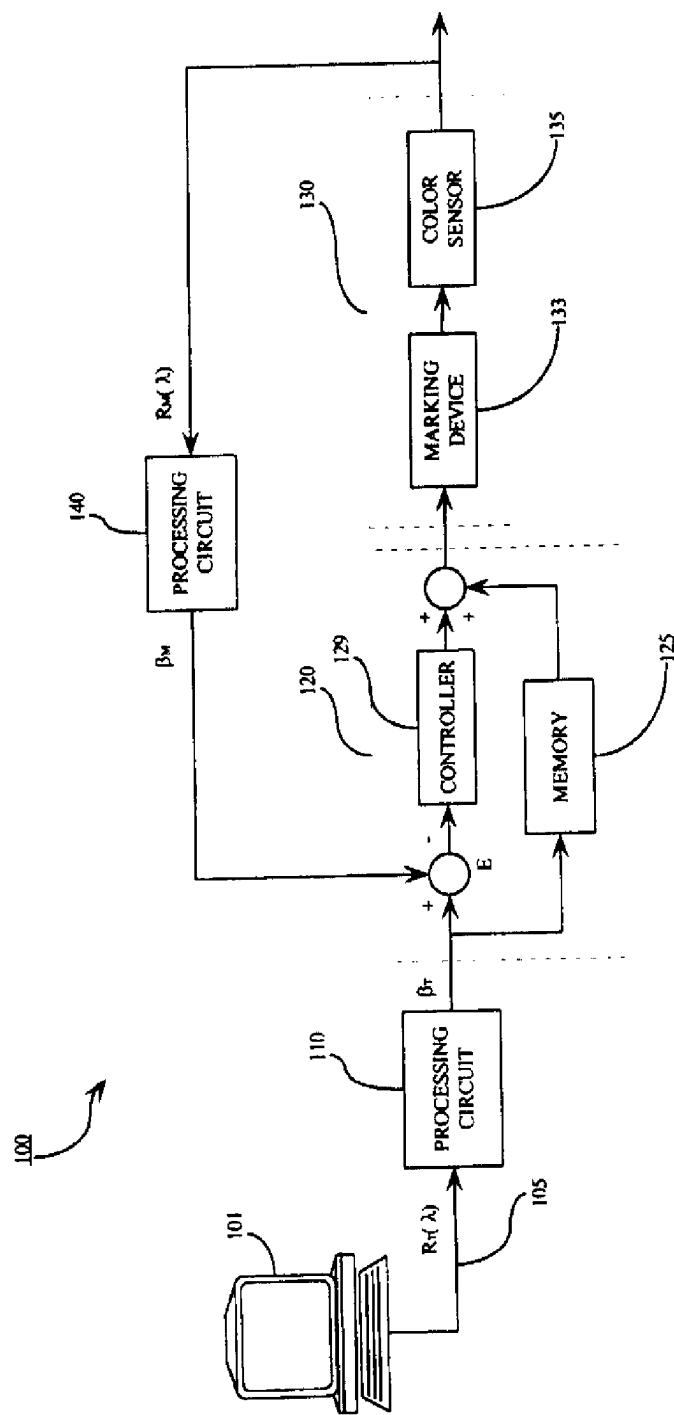
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FIG. 1



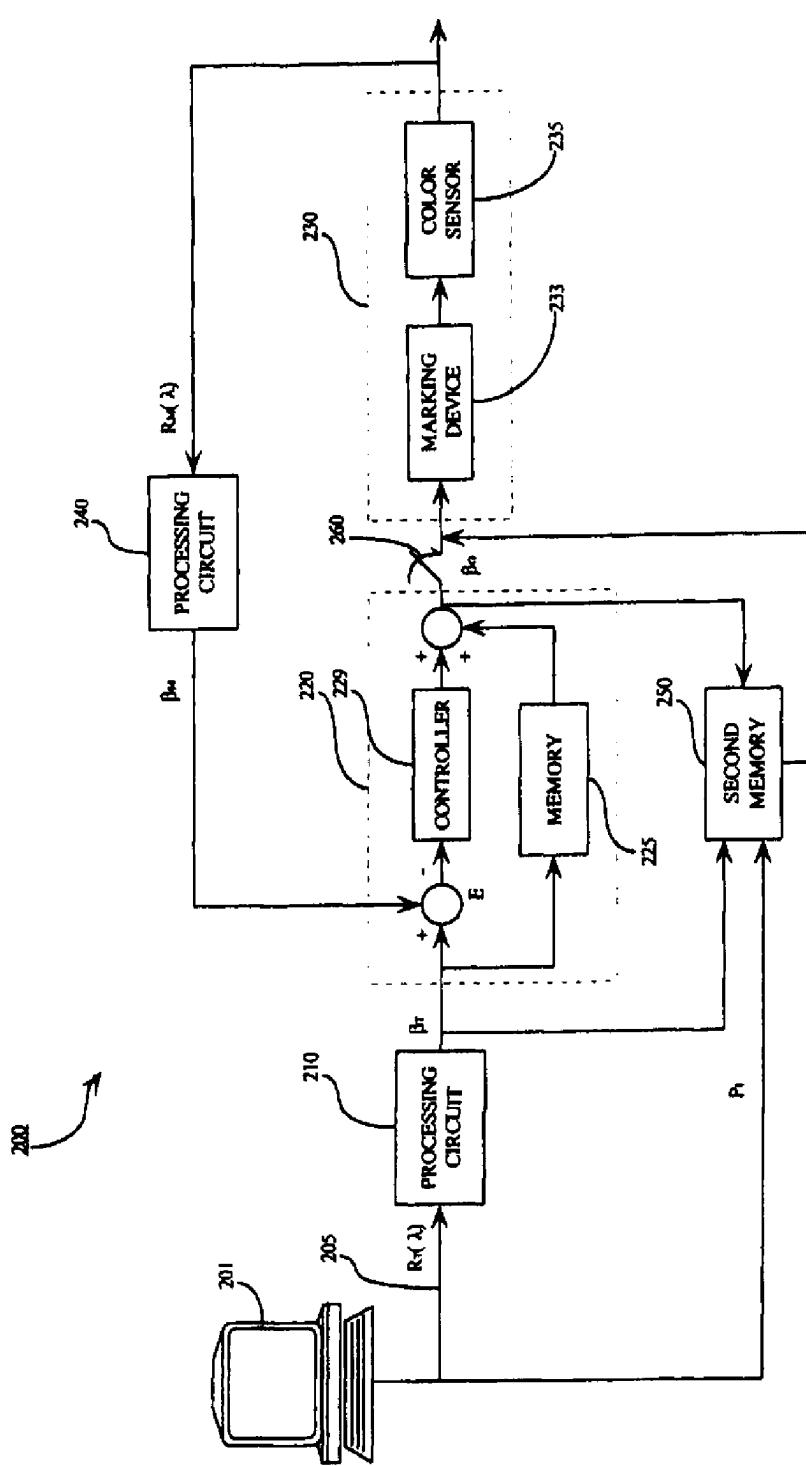
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FIG.2



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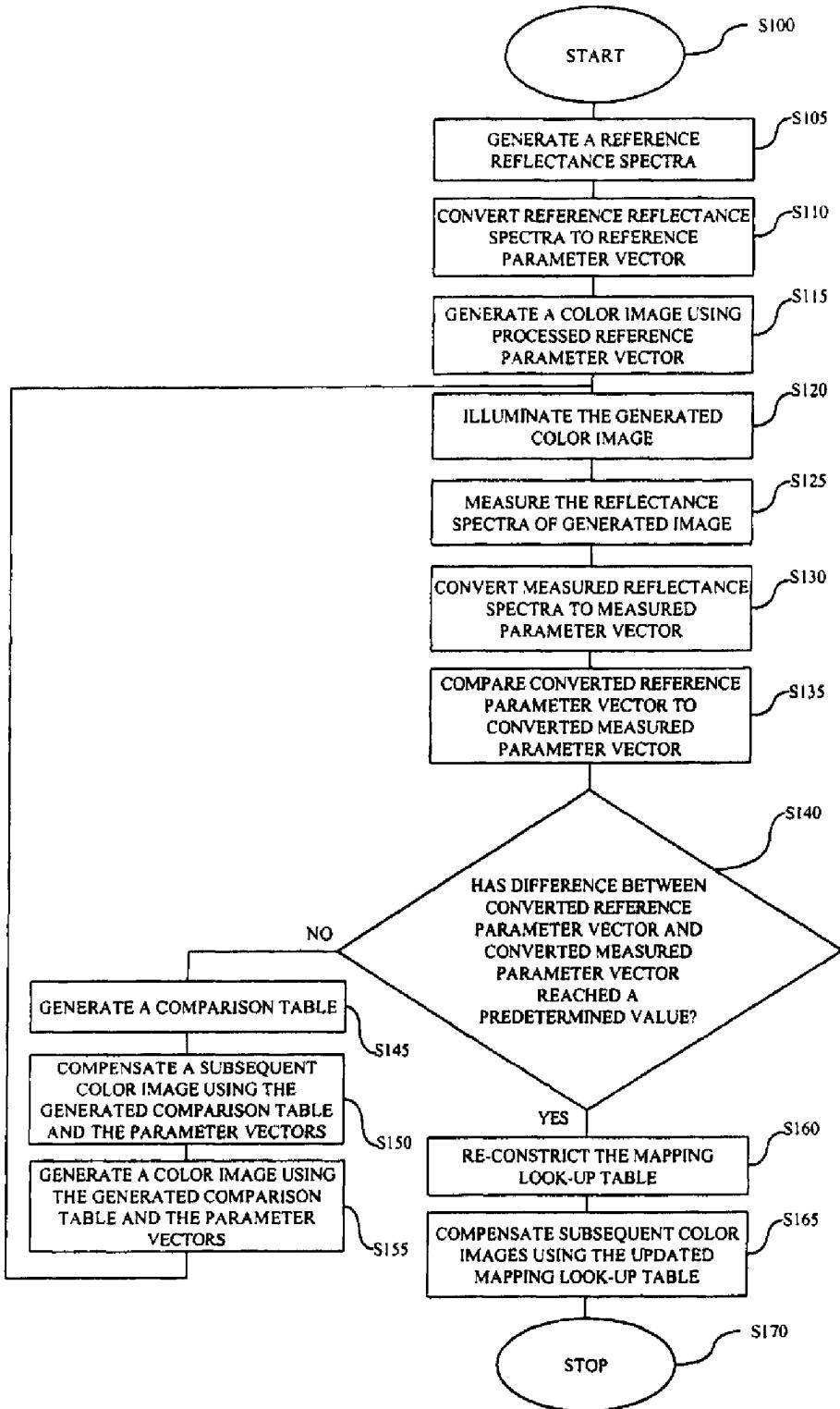


FIG. 3